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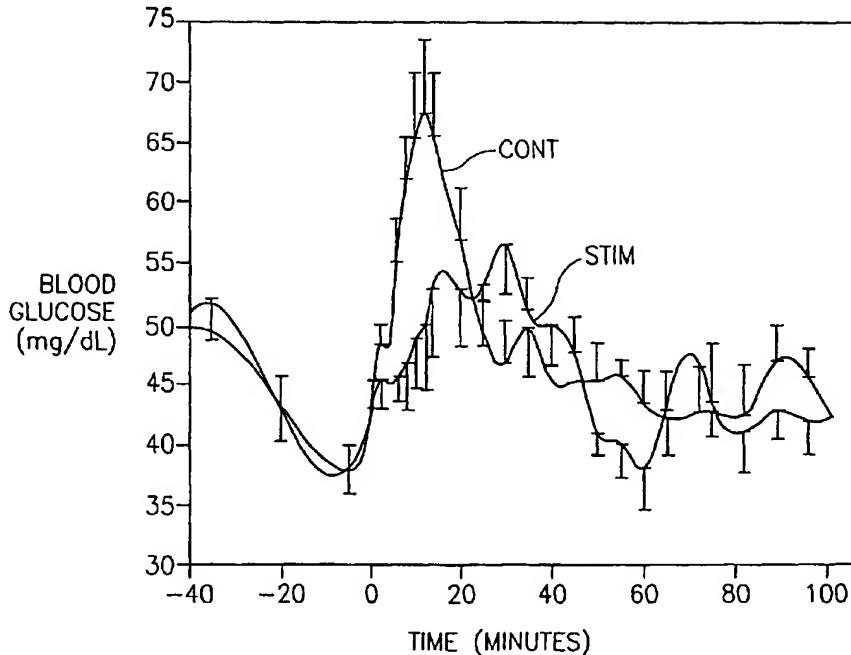
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(54) Title: BLOOD GLUCOSE LEVEL CONTROL



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(57) Abstract: A method of glucose level control, comprising providing at least one electrode adapted to apply an electric field to a pancreas; and applying an electric field to the pancreas using said at least one electrode such that blood glucose levels are significantly reduced and blood insulin levels are not significantly increased.